

WHAT IS CLAIMED IS:

1. A press pad adapted for use in high temperature pressing equipment, comprising a woven fabric that contains a substantial proportion of at least one elastomer selected from the group consisting of fluoroelastomers, fluorosilicone elastomers, first blend elastomers prepared by crosslinking a mixture of a raw crude silicone rubber and a raw crude fluorosilicone rubber, and second blend elastomers prepared by crosslinking a mixture of a raw crude silicone rubber and a raw crude fluorinated rubber.

2. The press pad according to claim 1, wherein said substantial proportion is at least 10 weight percent of a total weight of said press pad.

3. The press pad according to claim 1, wherein said at least one elastomer comprises at least one of said fluoroelastomers.

4. The press pad according to claim 3, wherein said at least one fluoroelastomer is an elastomer produced by copolymerization of vinyl chloride with at least one of hexafluoropropylene, tetrafluoroethylene, 1-hydropentafluoropropylene, and perfluoromethylvinylether.

5. The press pad according to claim 4, wherein said at least one fluoroelastomer is an elastomer produced by

3 terpolymerization of vinyl chloride with two of
4 hexafluoropropylene, tetrafluoroethylene,
5 1-hydropentafluoropropylene, and perfluoromethylvinylether.

1 6. The press pad according to claim 1, wherein said at least
2 one elastomer comprises at least one of said fluorosilicone
3 elastomers.

1 7. The press pad according to claim 1, wherein said at least
2 one elastomer comprises at least one of said first blend
3 elastomers.

1 8. The press pad according to claim 7, wherein said at least
2 one first blend elastomer contains at least 10 weight
3 percent of said fluorosilicone rubber with respect to a
4 total weight of said first blend elastomer.

1 9. The press pad according to claim 1, wherein said at least
2 one elastomer comprises at least one of said second blend
3 elastomers.

1 10. The press pad according to claim 1, wherein said woven
2 fabric comprises warp threads and weft threads woven
3 together, and at least said warp threads or said weft
4 threads contain said substantial proportion of said at
5 least one elastomer.

Sub A2

1 11. The press pad according to claim 1, wherein said woven

2 fabric comprises warp threads and weft threads woven
3 together, and at least said warp threads or said weft
4 threads contain a proportion of at least one metal.

Said fabric

1 12. The press pad according to claim 11, wherein at least said
2 warp threads or said weft threads comprise threads
3 consisting of said at least one metal.

1 13. The press pad according to claim 1, wherein said woven
2 fabric comprises warp threads and weft threads woven
3 together, and at least said warp threads or said weft
4 threads respectively comprise a thread core consisting of
5 a high-strength temperature-resistant yarn material, and a
6 coating sheath that covers said core and that consists of
7 said at least one elastomer.

1 14. The press pad according to claim 13, wherein said yarn
2 material of said thread core consists of at least one
3 metal.

1 15. The press pad according to claim 14, wherein said thread
2 core consists of a plurality of individual filaments of
3 said at least one metal.

1 16. The press pad according to claim 15, wherein said at least
2 one metal is selected from copper, brass, high-grade alloy
3 steel, and stainless steel, wherein said filaments are

strands of said metal, and wherein said core is a multi-strand core made up of said strands.

17. The press pad according to claim 13, wherein said yarn material of said thread core is a material having a higher modulus of elasticity than said at least one elastomer.
18. The press pad according to claim 1, wherein said woven fabric further contains a metal powder mixed into said at least one elastomer.

Add A3